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\*\*FILE\*\* ID\*\*UNSOLICIT

J 16

UNSOLICIT

Respond to unsolicited input

K 16

16-Sep-1984 00:41:35  
14-Sep-1984 12:37:16VAX-11 Bliss-32 V4.0-742  
[JOBCTL.SRC]UNSOLICIT.B32;1

Page (1)

```
1 0001 0 MODULE UNSOLICIT(TITLE 'Respond to unsolicited input'
2 0002 0 IDENT = 'V04-000'
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1
7 0007 1 ****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
10 0010 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
11 0011 1 * ALL RIGHTS RESERVED.
12 0012 1 *
13 0013 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
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25 0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
26 0026 1 *
27 0027 1 *
28 0028 1 ****
29 0029 1 *
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY:
33 0033 1 Job controller.
34 0034 1
35 0035 1 ABSTRACT:
36 0036 1 This module contains the routines that respond to unsolicited input.
37 0037 1
38 0038 1 ENVIRONMENT:
39 0039 1 VAX/VMS user and kernel mode.
40 0040 1 --
41 0041 1
42 0042 1 AUTHOR: M. Jack, CREATION DATE: 16-Feb-1982
43 0043 1
44 0044 1 MODIFIED BY:
45 0045 1
46 0046 1 V03-007 RAS0194 Ron Schaefer 22-Sep-1983
47 0047 1 Fix itemlist for RAS0181. Swap itemcode and length.
48 0048 1
49 0049 1 V03-006 RAS0181 Ron Schaefer 18-Aug-1983
50 0050 1 Change definitions of logical names SYSS$INPUT, SYSS$OUTPUT
51 0051 1 and SYSS$ERROR to use new PQB logical name attributes.
52 0052 1
53 0053 1 V03-005 MLJ0115 Martin L. Jack, 30-Jul-1983 15:20
54 0054 1 Changes for job controller baselevel.
55 0055 1
56 0056 1 V03-004 MLJ0114 Martin L. Jack, 23-Jun-1983 5:05
57 0057 1 Changes for job controller baselevel.
```

UNSLICIT  
V04-000

Respond to unsolicited input

L 16  
16-Sep-1984 00:41:35 VAX-11 Bliss-32 v4.0-742  
14-Sep-1984 12:37:16 [JOBCTL.SRC]UNSLICIT.B32;1

Page 2  
(1)

58	0058	1	
59	0059	1	V03-003 WMC0001 Wayne Cardoza 14-Apr-1983
60	0060	1	Set interactive flag in CREPRC when appropriate.
61	0061	1	
62	0062	1	V03-002 MLJ0109 Martin L. Jack, 14-Apr-1983 12:50
63	0063	1	Changes for job controller baselevel.
64	0064	1	
65	0065	1	V03-001 MLJ0106 Martin L. Jack, 1-Mar-1983 13:52
66	0066	1	Changes for extended PIDs.
67	0067	1	
68	0068	1	***

UNSOlicit  
VO4-000

Respond to unsolicited input

M 16  
16-Sep-1984 00:41:35 VAX-11 Bliss-32 v4.0-742  
14-Sep-1984 12:37:16 [JOBCTL.SRC]UNSOlicit.B32;1

Page 3  
(2)

```
70 0069 1 REQUIRE 'SRC$:JOBCTLDEF';  
71 1110 1  
72 1111 1  
73 1112 1 FORWARD ROUTINE  
74 1113 1 UNSOLICITED INPUT:  
75 1114 1 CREATE_ERROR_AST:  
76 1115 1 CREATE_ERROR_MESSAGE:  
77 1116 1  
78 1117 1  
79 1118 1 EXTERNAL  
80 1119 1 ALL_PRIVILEGES:  
81 1120 1  
82 1121 1  
83 1122 1 EXTERNAL  
84 1123 1 EXE$GL_FLAGS: BITVECTOR  
85 1124 1 SYSSGB_DEFPRI: BYTE  
86 1125 1  
87 1126 1  
88 1127 1 EXTERNAL LITERAL  
89 1128 1 EXESV_CONCEALED:  
NOVALUE,  
NOVALUE,  
ADDRESSING_MODE(GENERAL),  
ADDRESSING_MODE(GENERAL);  
UNSIGNED(6);
```

91 1129 1 GLOBAL ROUTINE UNSOLICITED\_INPUT: NOVALUE=

92 1130 1

93 1131 1 !++

94 1132 1

95 1133 1 FUNCTIONAL DESCRIPTION:

96 1134 1 This routine processes the message types:

97 1135 1 MSGS\_TRMUNSOLIC unsolicited terminal input

98 1136 1 MSGS\_CRUNSOLIN unsolicited card reader input

99 1137 1 by creating a detached process running LOGINOUT or INPSMB.

100 1138 1

101 1139 1 INPUT PARAMETERS:

102 1140 1 NONE

103 1141 1

104 1142 1 IMPLICIT INPUTS:

105 1143 1 MBX\_BUFFER - Mailbox message.

106 1144 1

107 1145 1 OUTPUT PARAMETERS:

108 1146 1 NONE

109 1147 1

110 1148 1 IMPLICIT OUTPUTS:

111 1149 1 NONE

112 1150 1

113 1151 1 ROUTINE VALUE:

114 1152 1 NONE

115 1153 1

116 1154 1 SIDE EFFECTS:

117 1155 1 Detached process created.

118 1156 1

119 1157 1 !--

120 1158 1

121 1159 2 BEGIN LOCAL

122 1160 2

123 1161 2 IMAGE DESC: REF VECTOR, | Pointer to descriptor for image name

124 1162 2 DEVICE\_DESC: VECTOR[2], | Descriptor for device name

125 1163 2 DEVICE\_BUFFER: VEC10R[12,BYTE], | Buffer for device name

126 1164 2 STSFLG, | STSFLG argument for CREPRC

127 1165 2 ITMLST, | ITMLST argument for CREPRC

128 1166 2 PRCNAM\_DESC: VECTOR[2], | Descriptor for process name

129 1167 2 PRCNAM: REF VECTOR; | Pointer to PRCNAM\_DESC, or 0

130 1168 2 MACRO

131 1169 2 UNS\_W\_UNIT= 2,0,16,0 %, | Binary unit number

132 1170 2 UNS\_T\_DEVICE= 4,0,0,0 %; | Counted ASCII controller name

133 1171 2

134 1172 2 OWN

135 1173 2 TERMINAL\_ATTR: BLOCK[7,LONG] | Create 3 quadword itemlist entries

136 1174 2 INITIAL( | for input, output and error

137 1175 2 PRCS INPUT ATT^16 + 4,

138 1176 2 LNMSM TERMINAL,

139 1177 2 PRCS OUTPUT ATT^16 + 4,

140 1178 2 LNMSM TERMINAL,

141 1179 2 PRCS ERROR ATT^16 + 4,

142 1180 2 LNMSM TERMINAL,

143 1181 2 PRCS [ISTEND],

144 1182 2 TERM\_CNCL\_ATTR: BLOCK[7,LONG] | Create 3 quadword itemlist entries

145 1183 2 INITIAL( | for input, output and error

146 1184 2 PRCS INPUT ATT^16 + 4,

147 1185 2 LNMSM\_TERMINAL+LNMSM\_CONCEALED.

```
148    1186 2      PRC$_OUTPUT ATT^16 + 4,  
149    1187 2      LNMSM TERMINAL+LNMSM CONCEALED,  
150    1188 2      PRC$ ERROR ATT^16 + 5,  
151    1189 2      LNMSM TERMINAL+LNMSM CONCEALED,  
152    1190 2      PRC$_[ISTEND];  
153    1191 2  
154    1192 2      ! Set up the process name as "_ddcu:".  
155    1193 2  
156    1194 2      PRCNAM_DESC[0] = $ALLOCATION(DEVICE_BUFFER);  
157    1195 2      PRCNAM_DESC[1] = DEVICE_BUFFER;  
P 1196 2      $FAO(  
159    P 1197 2      $DESCRIPTOR('_!AC!UW:'),  
160    P 1198 2      PRCNAM_DESC,  
161    P 1199 2      PRCNAM_DESC,  
162    P 1200 2      MBX_BUFFER[UNS T DEVICE],  
163    1201 2      .MBX_BUFFER[UNS Q UNIT];  
164    1202 2      PRCNAM = PRCNAM_DESC;  
165    1203 2  
166    1204 2  
167    1205 2      ! Set up the device name as "ddcu".  
168    1206 2  
169    1207 2      DEVICE_DESC[0] = .PRCNAM_DESC[0] - 1;  
170    1208 2      DEVICE_DESC[1] = .PRCNAM_DESC[1] + 1;  
171    1209 2  
172    1210 2  
173    1211 2      ITMLST = TERMINAL_ATTR;  
174    1212 2  
175    1213 2      ! Set up the image name, and reset the itmlst if using concealed  
176    1214 2      devices. The interactive flag is set for terminals.  
177    1215 2  
178    1216 2      IF .MBX_BUFFER[MSG_W_TYPE] EQL MSGS_TRMUNSOLIC  
179    1217 2      THEN  
180    1218 3      BEGIN  
181    1219 3      STSFLG = PRC$M_INTER;  
182    1220 3      IMAGE_DESC = $DESCRIPTOR('SYS$SYSTEM:LOGINOUT.EXE');  
183    1221 3      IF .EXESGL_FLAGS[EXEV_CONCEALED]  
184    1222 3      THEN  
185    1223 3      ITMLST = TERM_CNCL_ATTR;  
186    1224 3      END  
187    1225 2      ELSE  
188    1226 3      BEGIN  
189    1227 3      STSFLG = 0;  
190    1228 3      IMAGE_DESC = $DESCRIPTOR('SYS$SYSTEM:INPSMB.EXE');  
191    1229 2      END;  
192    1230 2  
193    1231 2  
194    1232 2      ! The following loop is executed at most twice.  
195    1233 2  
196    1234 2      WHILE TRUE DO  
197    1235 3      BEGIN  
198    1236 3      LOCAL  
199    1237 3      PID,  
200    1238 3      STATUS;                      ! PID of created process  
201    1239 3  
202    1240 3  
203    1241 3      ! Create the process.  
204    1242 3      ! Status return
```

```
205 P 1243 3 STATUS = $CREPRC(
206 P 1244 3 PIDADR=PID,
207 P 1245 3 IMAGE=.IMAGE_DESC,
208 P 1246 3 INPUT=DEVICE_DESC,
209 P 1247 3 OUTPUT=DEVICE_DESC,
210 P 1248 3 ERROR=DEVICE_DESC,
211 P 1249 3 PRVADR=ALL PRIVILEGES,
212 P 1250 3 PRCNAM=.PRCNAM,
213 P 1251 3 BASPRI=.SYSSGB_DEFPRI,
214 P 1252 3 UIC=.JBC_UIC,
215 P 1253 3 STSFLG=.STSFLG,
216 P 1254 3 ITMLST=.ITMLST;

217 1255 3
218 1256 3
219 1257 3 IF NOT .STATUS
220 1258 3 THEN BEGIN
221 1259 4
222 1260 4
223 1261 4 ! Create failed. If the status is not "duplicate process name", or if
224 1262 4 a create has already been tried with no name, give up.
225 1263 4
226 1264 4 IF .STATUS<0,16> NEQ SSS_DUPLNAM OR .PRCNAM EQL 0
227 1265 4 THEN BEGIN
228 1266 5
229 1267 5
230 1268 5 ! If the device is a terminal, issue a "process create error"
231 1269 5 message to it on a best-effort basis. Otherwise, signal the error
232 1270 5 to the operator.
233 1271 5
234 1272 5 IF .MBX_BUFFER[MSG_W_TYPE] EQL MSGS_TRMUNSOLIC
235 1273 5 THEN BEGIN
236 1274 6 LOCAL
237 1275 6 CHANNEL: WORD; ! Channel assigned to terminal
238 1276 6
239 1277 6
240 1278 7 IF $ASSIGN(DEVNAM=DEVICE_DESC, CHAN=CHANNEL)
241 1279 6 THEN SPUTMSG(
242 P 1280 6 MSGVEC=UPLIT(1, JBC$_PRCREAT OR STSSK_SEVERE),
243 P 1281 6 ACTRTN=CREATE_ERROR_MESSAGE,
244 P 1282 6 ACTPRM=.CHANNEL);
245 1283 6
246 1284 6 END
247 1285 5 ELSE BEGIN
248 1286 6 SIGNAL(
249 1287 6 JBC$_SYMCREPRC OR STSSK_ERROR, 1, DEVICE_DESC,
250 1288 6 .STATUS);
251 1289 6
252 1290 5 END;
253 1291 5 RETURN;
254 1292 4 END;
255 1293 4
256 1294 4
257 1295 4 ! Create failed with a "duplicate process name" status. Loop to retry
258 1296 4 the create with no name.
259 1297 4
260 1298 4 PRCNAM = 0;
261 1299 4 END
```

```
: 262    1300 3      ELSE
: 263    1301 4      BEGIN
: 264    1302 4
: 265    1303 4      ; Create succeeded.
: 266    1304 4
: 267    1305 4      RETURN;
: 268    1306 3      END;
: 269    1307 2      END;
: 270    1308 1 END;
```

```
.TITLE UNSOLICIT Respond to unsolicited input
.IDENT \V04-000\

.PSCT COMMON,NOEXE, OVR,2

00000 DIAG_STORAGE_BASE:
    .BLKB 0
00000 DIAG_TRACE:
    .BLKB 96
00060 DIAG_COUNT:
    .BLKB 96
000C0 DIAG_FLAGS:
    .BLKB 4
000C4 WORK_AREA:
    .BLKB 44
000F0 SNDJBC_COUNT:
    .BLKB 132
00174 GETQUI_COUNT:
    .BLKB 40
0019C SNDACC_COUNT:
    .BLKB 28
001B8 SNDSMB_COUNT:
    .BLKB 72
00200 DIAG_STORAGE END:
    .BLKB 0
00200 FLAGS: .BLKB 4
00204 IMAGE_DUMP_STSFLG:
    .BLKB 4
00208 THIS_SYSID:
    .BLKB 6
0020E .BLKB 2
00210 CUR_TIME:
    .BLKB 8
00218 HOURLY_TIME:
    .BLKB 8
00220 HOURLY_PARAMS:
    .BLKB 20
00234 SYMBIONT_COUNT:
    .BLKB 4
00238 QUEUE_REFERENCE_COUNT:
    .BLKB 4
0023C MBX_MESSAGE_COUNT:
    .BLKB 4
00240 MBX: .BLKB 4
00244 MBX_END: .BLKB 4
00248 MEMORY_FREE_QUEUES:
```

UNSOlicit  
V04-000

Respond to unsolicited input

F 1  
16-Sep-1984 00:41:35  
14-Sep-1984 12:37:16

VAX-11 Bliss-32 V4.0-742  
[JOBCTL.SRC]UNSOlicit.B32;1

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(3)

EX

00270 NONAST\_WORK\_QUEUE: .BLKB 40  
00278 BCB\_FREE\_LIST: .BLKB 8  
0027C BCB\_ACTIVE\_LIST: .BLKB 4  
00280 GQL\_FREE\_LIST: .BLKB 4  
00284 GQL\_ACTIVE\_LIST: .BLKB 4  
00288 OPEN\_GETQUI\_LIST: .BLKB 4  
0028C PROCESS\_DATA\_LIST: .BLKB 4  
00290 SYMBIONT\_CONTROL: .BLKB 4  
00294 SPARE\_AREA: .BLKB 12  
002A0 REMOTE\_REQUEST\_LKSB: .BLKB 8  
002A8 QUEUE\_FILE\_LKSB: .BLKB 8  
002B0 QUEUE\_LOCK\_LKSB: .BLKB 8  
002B8 RSP: .BLKB 8  
002C0 JBC\_PRIORITY: .BLKB 4  
002C4 JBC\_PRIVILEGES: .BLKB 8  
002CC JBC\_QUOTAS: .BLKB 66  
0030E .BLKB 2  
00310 JBC\_UIC: .BLKB 4  
00314 QUEUE\_FAB: .BLKB 80  
00364 QUEUE\_RAB: .BLKB 68  
003A8 QUEUE\_NAM: .BLKB 96  
00408 QUEUE\_XAB: .BLKB 88  
00460 QUEUE\_RSA: .BLKB 255  
0055F .BLKB 1  
00560 QUEUE\_ALQ: .BLKB 4  
00564 QUEUE\_MBF: .BLKB 1  
00565 .BLKB 3  
00568 ACCOUNTING\_FABS: .BLKB 8  
00570 ACCOUNTING\_RABS: .BLKB 8  
00578 ACCOUNT\_FAB\_A: .BLKB 80  
005C8 ACCOUNT\_RAB\_A: .BLKB 80

UNSLICIT  
V04-000

Respond to unsolicited input

G 1  
16-Sep-1984 00:41:35    VAX-11 Bliss-32 v4.0-742  
14-Sep-1984 12:37:16    [JOBCTL.SRC]UNSLICIT.B32;1

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(3)

0060C ACCOUNT\_NAM\_A: .BLKB 68  
0066C ACCOUNT\_RSA\_A: .BLRB 96  
0076B .BLRB 255  
0076C ACCOUNT\_FAB\_B: .BLKB 1  
007BC ACCOUNT\_RAB\_B: .BLRB 80  
00800 ACCOUNT\_NAM\_B: .BLRB 68  
00860 ACCOUNT\_RSA\_B: .BLRB 96  
0095F .BLRB 255  
00960 DIAG\_FAB: .BLKB 1  
00980 DIAG\_RAB: .BLKB 80  
009F4 MBX\_CHAN: .BLKB 68  
009F8 MBX\_IOSB: .BLKB 4  
00A00 MBX\_BUFFER: .BLKB 8  
00E00 VALUE\_STORAGE\_BASE: .BLKB 1024  
00E00 ITEM\_PRESENT: .BLKB 0  
00E20 VALUE\_GETQUI\_BASE: .BLKB 32  
00E20 VALUE\_ACCOUNTING\_MESSAGE: .BLKB 0  
00E26 VALUE\_ACCOUNTING\_TYPES: .BLKB 4  
00E2A VALUE\_AFTER\_TIME: .BLRB 8  
00E32 VALUE\_ALIGNMENT\_PAGES: .BLKB 1  
00E33 VALUE\_BASE\_PRIORITY: .BLKB 1  
00E34 VALUE\_BATCH\_INPUT: .BLRB 6  
00E3A VALUE\_BATCH\_OUTPUT: .BLRB 10  
00E44 VALUE\_BUFFER\_COUNT: .BLKB 1  
00E45 VALUE\_CHARACTERISTIC\_NAME: .BLKB 6  
00E4B VALUE\_CHARACTERISTIC\_NUMBER: .BLKB 1  
00E4C VALUE\_CHARACTERISTICS: .BLKB 16  
00E5C VALUE\_CHECKPOINT\_DATA: .BLKB 8  
00E62 VALUE\_CLI: .BLKB 6

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DEI

LBI

LII

00E68 VALUE\_CPU\_DEFAULT:  
.BLKB 4  
00E6C VALUE\_CPU\_LIMIT:  
.BLKB 4  
00E70 VALUE\_DESTINATION\_QUEUE:  
.BLKB 8  
00E78 VALUE\_DEVICE\_NAME:  
.BLKB 6  
00E7E VALUE\_ENTRY\_NUMBER:  
.BLRB 4  
00E82 VALUE\_ENTRY\_NUMBER\_OUTPUT:  
.BLRB 10  
00E8C VALUE\_EXTEND\_QUANTITY:  
.BLKB 2  
00E8E VALUE\_FILE\_COPIES:  
.BCKB 1  
00E8F VALUE\_FILE\_IDENTIFICATION:  
.BCKB 36  
00E83 VALUE\_FILE\_SETUP\_MODULES:  
.BCKB 8  
00E89 VALUE\_FILE\_SPECIFICATION:  
.BCKB 6  
00EBF VALUE\_FIRST\_PAGE:  
.BLRB 4  
00EC3 VALUE\_FORM\_DESCRIPTION:  
.BCKB 6  
00EC9 VALUE\_FORM\_LENGTH:  
.BCKB 1  
00ECA VALUE\_FORM\_MARGIN\_BOTTOM:  
.BCKB 1  
00ECB VALUE\_FORM\_MARGIN\_LEFT:  
.BCKB 2  
00ECD VALUE\_FORM\_MARGIN\_RIGHT:  
.BCKB 2  
00ECF VALUE\_FORM\_MARGIN\_TOP:  
.BCKB 1  
00ED0 VALUE\_FORM\_NAME:  
.BCKB 6  
00ED6 VALUE\_FORM\_NUMBER:  
.BCKB 4  
00EDA VALUE\_FORM:  
.BLKB 8  
00EE2 VALUE\_FORM\_SETUP\_MODULES:  
.BCKB 8  
00EE8 VALUE\_FORM\_STOCK:  
.BCKB 6  
00EEE VALUE\_FORM\_WIDTH:  
.BCKB 2  
00EFO VALUE\_GENERIC\_TARGET:  
.BLKB 996  
012D4 VALUE\_JOB\_COPIES:  
.BLKB 1  
012D5 VALUE\_JOB\_LIMIT:  
.BLKB 1  
012D6 VALUE\_JOB\_NAME:  
.BLKB 6  
012DC VALUE\_JOB\_RESET\_MODULES:

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UNSO!CIT  
V04-000

Respond to unsolicited input

I 1  
16-Sep-1984 00:41:35 VAX-11 Bliss-32 V4.0-742  
14-Sep-1984 12:37:16 [JOBCTL.SRC]UNSO!CIT.B32;1

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012E2 VALUE\_JOB\_SIZE\_MAXIMUM:  
.BLKB 6  
012E6 VALUE\_JOB\_SIZE\_MINIMUM:  
.BLKB 4  
012EA VALUE\_JOB\_STATUS\_OUTPUT:  
.BLKB 4  
012F4 VALUE\_LAST\_PAGE:  
.BLKB TO  
012F8 VALUE\_LIBRARY\_SPECIFICATION:  
.BLKB 6  
012FE VALUE\_LOG\_QUEUE:  
.BLKB 8  
01306 VALUE\_LOG\_SPECIFICATION:  
.BLKB 6  
0130C VALUE\_NOTE:  
.BLKB 6  
01312 VALUE\_OPERATOR\_REQUEST:  
.BLKB 6  
01318 VALUE\_OWNER\_UIC:  
.BLRB 4  
0131C VALUE\_PAGE\_SETUP\_MODULES:  
.BLKB 8  
01322 VALUE\_PARAMETER\_1:  
.BLKB 6  
01328 VALUE\_PARAMETER\_2:  
.BLKB 6  
0132E VALUE\_PARAMETER\_3:  
.BLKB 6  
01334 VALUE\_PARAMETER\_4:  
.BLKB 6  
0133A VALUE\_PARAMETER\_5:  
.BLKB 6  
01340 VALUE\_PARAMETER\_6:  
.BLKB 6  
01346 VALUE\_PARAMETER\_7:  
.BLKB 6  
0134C VALUE\_PARAMETER\_8:  
.BLKB 6  
01352 VALUE\_PRIORITY:  
.BLKB 1  
01353 VALUE\_PROCESSOR:  
.BLKB 6  
01359 VALUE\_PROTECTION:  
.BLKB 4  
0135D VALUE\_QUEUE:  
.BLKB 6  
01363 VALUE\_QUEUE\_FILE\_SPECIFICATION:  
.BLRB 8  
01369 VALUE\_RELATIVE\_PAGE:  
.BLKB 4  
0136D VALUE\_RESERVED\_INPUT\_1:  
.BLKB 1  
0136E VALUE\_RESERVED\_INPUT\_2:  
.BLKB 2  
01370 VALUE\_RESERVED\_INPUT\_3:  
.BLKB 4

UNSOICIT  
V04-000

Respond to unsolicited input

J 1  
16-Sep-1984 00:41:35 VAX-11 Bliss-32 V4.0-742  
14-Sep-1984 12:37:16 [JOBCTL.SRC]UNSOICIT.B32;1

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(3)

01374 VALUE\_RESERVED\_INPUT\_4:  
.BLKB 6  
0137A VALUE\_RESERVED\_OUTPUT\_1:  
.BLKB 10  
01384 VALUE\_RESERVED\_OUTPUT\_2:  
.BLKB 10  
0138E VALUE\_SEARCH\_STRING:  
.BLKB 6  
01394 VALUE\_SCSNODE\_NAME:  
.BLKB 6  
0139A VALUE\_WSDEFAULT:  
.BLKB 2  
0139C VALUE\_WSEXtent:  
.BLKB 2  
0139E VALUE\_WsQuota:  
.BLKB 2  
013A0 VALUE\_STORAGE\_END:  
.BLKB 0

.PSECT DATA,NOEXE,2

00000200 00050004 00000200 00040004 00000200 00030004 00000 TERMINAL\_ATTR:  
00000000 00018 :LONG 196612, 512, 262148, 512, 327684, 512, 0 ;  
00000300 00050004 00000300 00040004 00000300 00030004 0001C TERM\_CNCL\_ATTR:  
00000000 00034 :LONG 196612, 768, 262148, 768, 327684, 768, 0 ;

.PSECT CODE,NOWRT,2

3A 57 55 21 43 41 21 5F 00000 P.AAB: .ASCII \!AC!UW:\  
49 47 4F 4C 3A 4D 45 54 53 59 53 24 53 59 53 00000008 P.AAA: .LONG 8  
45 58 45 2E 54 55 4F 4E 00000000 0000C :ADDRESS P.AAB  
53 50 4E 49 3A 4D 45 54 53 59 53 24 53 59 53 00010 P.AAD: .ASCII \SYSSYSTEM:LOGINOUT.EXE\  
45 58 45 2E 54 55 4F 4E 0001F :BLKB 1  
53 50 4E 49 3A 4D 45 54 53 59 53 24 53 59 53 00027 P.AAC: .LONG 23  
45 58 45 2E 42 4D 00000017 0002C :ADDRESS P.AAD  
53 50 4E 49 3A 4D 45 54 53 59 53 24 53 59 53 00030 P.AAF: .ASCII \SYSSYSTEM:INPSMB.EXE\  
45 58 45 2E 42 4D 0003F :BLKB 3  
53 50 4E 49 3A 4D 45 54 53 59 53 24 53 59 53 00045 P.AAE: .LONG 21  
45 58 45 2E 42 4D 00000015 00048 P.AAF: .ADDRESS P.AAF  
0004843C 00000001 00050 P.AAG: .LONG 1, 295996 :BLKB 1

JBC\$ CLOSEOUT= 266328  
JBC\$ NOCMKRLN= 272388  
JBC\$ NOOPER= 272532  
JBC\$ NOSYSNAM= 272404  
JBC\$ OPENIN= 266392  
JBC\$ OPENOUT= 266400  
JBC\$ READERR= 266416  
JBC\$ WRITEERR= 266448  
.EXTRN ALL PRIVILEGES, EXESGL FLAGS  
.EXTRN SYSSGB DEFPRI, EXEV\_CONCEALED  
.EXTRN SYSSFAO, SYSSCREPRC  
.EXTRN SYSSASSIGN, SYSSPUTMSG

UNSO L I C I T  
V04-000

Respond to unsolicited input

K 1  
16-Sep-1984 00:41:35 VAX-11 Bliss-32 V4.0-742  
14-Sep-1984 12:37:16 [JOB:TL.SRC]UNSOLICIT.B32:1

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UNSO~~LICIT~~  
V04-000

Respond to unsolicited input

L 1  
16-Sep-1984 00:41:35 VAX-11 Bliss-32 v4.0-742  
14-Sep-1984 12:37:16 [JOBCTL.SRC]UNSO~~LICIT~~.B32;1

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\$2

20	AE	9F	000D3	PUSHAB	DEVICE_DESC	;	1287
01	DD	000D6		PUSHL	#1	---	08C
00000000G	00	00048462	8F DD 000D8	PUSHL	#296034	;	1288
04	FB	000DE		CALLS	#4, LIB\$SIGNAL	;	08C
04	D4	000E5		RET		;	1266
FF7D	31	000E8	5\$:	CLRL	PRCNAM	;	08C
				BRW	2\$	;	1298
				RET		;	485
						;	1257
						;	7FF
						;	7FF
						;	7FF
						;	7FF
						;	7FF
						;	7FF
						;	7FF
						;	80C
						;	80C
						;	80C
						;	80C

: Routine Size: 236 bytes, Routine Base: CODE + 0058

```
272 1309 1 ROUTINE CREATE_ERROR_AST(CHANNEL): NOVALUE=
273 1310 1
274 1311 1 !++
275 1312 1
276 1313 1 FUNCTIONAL DESCRIPTION:
277 1314 1 This is a completion AST routine for the $QIO that issues a "process
278 1315 1 create error" message to a terminal on which unsolicited input has
279 1316 1 been received. Its purpose is to deassign the channel.
280 1317 1
281 1318 1 INPUT PARAMETERS:
282 1319 1 CHANNEL - Channel number, passed as ASTPRM.
283 1320 1
284 1321 1 IMPLICIT INPUTS:
285 1322 1 NONE
286 1323 1
287 1324 1 OUTPUT PARAMETERS:
288 1325 1 NONE
289 1326 1
290 1327 1 IMPLICIT OUTPUTS:
291 1328 1 NONE
292 1329 1
293 1330 1 ROUTINE VALUE:
294 1331 1 NONE
295 1332 1
296 1333 1 SIDE EFFECTS:
297 1334 1 Channel deassigned.
298 1335 1
299 1336 1 !--
300 1337 1
301 1338 2 BEGIN
302 1339 2 $DASSGN(CHAN=.CHANNEL);
303 1340 1 END:
```

.EXTRN SYSSDASSGN

0000 00000 CREATE\_ERROR AST:

00000000G 00	04	AC	DD	00002	.WORD	Save nothing
		01	FB	00005	PUSHL	CHANNEL
		04	0000C		CALLS	#1, SYSSDASSGN
					RET	

: Routine Size: 13 bytes, Routine Base: CODE + 0144

```
305 1341 1 ROUTINE CREATE_ERROR_MESSAGE(MSG_DESC,CHANNEL)=  
306 1342 1 !++  
307 1343 1 ! FUNCTIONAL DESCRIPTION:  
308 1344 1 This is an action routine for the $PUTMSG that issues a "process  
309 1345 1 create error" message to a terminal on which unsolicited input has  
310 1346 1 been received. Its purpose is to issue the $QIO to write the message.  
311 1347 1  
312 1348 1  
313 1349 1  
314 1350 1 INPUT PARAMETERS:  
315 1351 1 MSG DESC      - Descriptor for message.  
316 1352 1 CHANNEL       - Channel number, passed as ACTPRM.  
317 1353 1  
318 1354 1 IMPLICIT INPUTS:  
319 1355 1 NONE  
320 1356 1  
321 1357 1 OUTPUT PARAMETERS:  
322 1358 1 NONE  
323 1359 1  
324 1360 1 IMPLICIT OUTPUTS:  
325 1361 1 NONE  
326 1362 1  
327 1363 1 ROUTINE VALUE:  
328 1364 1 FALSE, to signal $PUTMSG not to write the message.  
329 1365 1  
330 1366 1 SIDE EFFECTS:  
331 1367 1 Message written to terminal.  
332 1368 1  
333 1369 1 --  
334 1370 1  
335 1371 2 BEGIN  
336 1372 2 MAP  
337 1373 2     MSG_DESC:           REF BBLOCK;      ! Descriptor for message  
338 1374 2  
339 1375 2  
340 1376 2 ! Issue the $QIO to write the message. If the $QIO service fails, deassign  
341 1377 2 the channel.  
342 1378 2  
P 1379 2 IF NOT $QIO(  
P 1380 2   FUNC=IOS_WRITEVBLK,  
P 1381 2   CHAN=.CHANNEL,  
P 1382 2   ASTADR=CREATE_ERROR_AST,  
P 1383 2   ASTPRM=.CHANNEL,  
P 1384 2   P1=.MSG_DESC[DSC$A_POINTER],  
P 1385 2   P2=.MSG_DESC[DSC$W_LENGTH],  
350 1386 3   P3=%C' ')  
351 1387 2 THEN  
352 1388 2   $DASSGN(CHAN=.CHANNEL);  
353 1389 2  
354 1390 2  
355 1391 2 ! Return false, to signal $PUTMSG not to write the message.  
356 1392 2  
357 1393 2 FALSE  
358 1394 1 END;
```

.EXTRN SYSSQIO

0000 00000 CREATE_ERROR_MESSAGE:			
			.WORD Save nothing
7E	04	7E 7C 00002	CLRQ -(SP)
50		20 7D 00004	MOVQ #32, -(SP)
7E	04	AC DD 00007	MOVL MSG DESC, R0
	04	60 3C 00008	MOVZWL (R0), -(SP)
	08	AO DD 0000E	PUSHL 4(R0)
	DC	AC DD 00011	PUSHL CHANNEL
7E	08	AF 9F 00014	PUSHAB CREATE_ERROR_AST
	30	7D 00017	MOVQ #48, -(SP)
00000000G	00	AC DD 0001A	PUSHL CHANNEL
0A		7E D4 0001D	CLRL -(SP)
00000000G	00	0C FB 0001F	CALLS #12, SYSSQIO
	08	50 E8 00026	BLBS R0, 1\$
	08	AC DD 00029	PUSHL CHANNEL
	01	FB 0002C	CALLS #1, SYSSDASSGN
	50	D4 00033	CLRL R0
	04	00035	RET

: 1341  
1386

: 1388  
1394

; Routine Size: 54 bytes. Routine Base: CODE + 0151

UNSLICIT  
V04-000

Respond to unsolicited input

: 360 1395 1 END  
: 361 1396 0 ELUDOM

C 2  
16-Sep-1984 00:41:35  
14-Sep-1984 12:37:16 VAX-11 Bliss-32 V4.0-742  
[JOBCTL.SRC]UNSLICIT.B32;1

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-S

.EXTRN LIB\$SIGNAL

PSECT SUMMARY

Name	Bytes	Attributes
COMMON	5024 NOVEC, WRT, RD ,NOEXE,NOSHR, LCL, REL, OVR,NOPIC,ALIGN(2)	
DATA	56 NOVEC, WRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)	
CODE	391 NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)	

Library Statistics

File	----- Symbols -----	Pages	Processing
	Total      Loaded      Percent	Mapped	Time
\$_255\$DUA28:[SYSLIB]LIB.L32;1	18619      57      0	1000	00:01.4

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LISS:UNSLICIT/OBJ=OBJ\$:UNSLICIT MSRC\$:UNSLICIT/UPDATE=(ENH\$:UNSLICIT)

Size: 303 code + 5168 data bytes  
Run Time: 00:13.6  
Elapsed Time: 00:59.1  
Lines/CPU Min: 6181  
Lexemes/CPU-Min: 53287  
Memory Used: 251 pages  
Compilation Complete

DE

0195 AH-BT13A-SE  
VAX/VMS V4.0

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SYMBIONT  
LIS

UNSOLOCT  
LIS

0196 AH-BT13A-SE  
VAX/VMS V4.0

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LAT

LATCP  
MAP

LATCPLD  
CLD

LATDEF  
SOL

LTIF

LTDRIVER  
MAP

LATCP  
LIS

LATCPMSG  
LIS

LTDRIVER  
LIS